



SUPERFUND RECORDS

Herculaneum, Missouri Community Advisory Group Meeting

September 17, 2002
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Site Goals Unchanged

- Residential soil and interior cleanups must continue
- Recontamination of residential soils is not acceptable
- Doe Run must continue to meet current goals
 - Keep streets clean
 - Ambient air standard
 - Full implementation of Materials Handling and Transportation Plan

Site Progress

- 136 yards replaced
- 74 home interiors cleaned
- 82 vacuums provided by EPA
- Monthly monitoring is not showing recontamination of surface soils
- Draft speciation report

Property Access from Owners

- 6 Residents have refused yard soil sampling
- 24 Residents have refused yard soil replacement
- 50 residents have refused interior cleaning

Air Monitoring Data

- First Quarter 2002 all monitors met the ambient standard of 1.5 micrograms of lead per cubic meter of air (ug/m³)
- Second Quarter 2002 - All monitors met the ambient standard except Broad Street
 - MDNR Data at Broad Street - 2.24 ug/m³
 - Doe Run's Data at Broad Street - 1.86 ug/m³
- Third Quarter 2002 - To date, all monitors are meeting the standard
 - Doe Run's Data for Broad Street - 1.1 ug/m³
 - Doe Run's Data for All other Monitors - Below 0.5 ug/m³
- Attainment Date - August 14, 2002

Ongoing Yard Soil Sampling

- Sampling out to 1.5 miles from smelter completed September 13, 2002.
- Only 7% of samples have exceeded 400 ppm lead
- Access is being denied at some properties

Current EPA Actions at Site

- Surface soil replacement
- Improve smelter operations/reduce emissions
- Cleaning homes to HUD standards
- Community Awareness
- Monitoring for recontamination

Home Interior Cleanup Strategy

- Monitor for home interior lead dust levels
- Evaluate home interiors using HUD clearance standards
- Re-clean home interiors that exceed HUD clearance standards
- Develop site-specific lead dust clearance standards.

Development of Site-Specific Interior Lead Dust Standard

- Form focus group to participate in process
- Provide participants with current studies inventory and site sampling data
- Provide experts to review site data and develop recommendation for clearance standard

TES

Site:	<u>Herculaneum</u>
ID#	<u>MOD006246373</u>
Break:	<u>2.0</u>
Others:	<u>9-17-02</u>